

Title (en)
OXOPIPERIDINE DERIVATIVES, PREPARATION AND THERAPEUTIC USE THEREOF

Title (de)
OXOPIPERIDINDERIVATE, IHRE HERSTELLUNG UND THERAPEUTISCHE VERWENDUNG

Title (fr)
DERIVES D'OXOPIPERIDINE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE

Publication
EP 1773796 B1 20100303 (FR)

Application
EP 05790990 A 20050720

Priority
• FR 2005001854 W 20050720
• FR 0408369 A 20040729

Abstract (en)
[origin: WO2006021655A2] The invention concerns oxopiperidine derivatives of general formula (I) wherein: n = 1; R_a, R_{a'}, R_b et R_{b'} represent hydrogen atoms or alkyl or cycloalkyl groups, or R_b and R_{b'} together form a carbon bridge; R₁ represents an alkyl or cycloalkyl group; R₂ represents a heteroaryl group; R₃ represents 1 to 3 groups selected among halogen atoms and alkyl, cycloalkyl, -OR, -NRR', -CO-NRR', -NR-CO-R', -NR-CO-NRR₁, -NR-COOR', -NO₂, -CN and COOR groups; R₅ represents a hydrogen atom or an alkyl group; R₄ is selected among the groups of formulae (a), (b) and (c), wherein p = 0, 1, 2 or 3, m = 0, 1 or 2, and X represents a -C(R₆)(R₇)- or -N(R₁₀)- member. The invention also concerns a method for preparing said derivatives and their therapeutic use.

IPC 8 full level
C07D 295/108 (2006.01); **A61K 31/445** (2006.01); **A61P 15/00** (2006.01); **C07D 451/04** (2006.01)

CPC (source: EP KR US)
A61P 3/00 (2017.12 - EP); **A61P 3/04** (2017.12 - EP); **A61P 3/06** (2017.12 - EP); **A61P 3/10** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 15/00** (2017.12 - EP); **A61P 15/10** (2017.12 - EP); **A61P 25/32** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 295/104** (2013.01 - EP US); **C07D 295/108** (2013.01 - KR); **C07D 401/06** (2013.01 - EP US); **C07D 401/12** (2013.01 - KR); **C07D 401/14** (2013.01 - KR); **C07D 405/14** (2013.01 - EP KR US); **C07D 451/04** (2013.01 - EP US); **C07D 453/02** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
FR 2873690 A1 20060203; **FR 2873690 B1 20061013**; AR 054208 A1 20070613; AT E459608 T1 20100315; AU 2005276353 A1 20060302; AU 2005276353 B2 20111201; AU 2005276353 C1 20120329; BR PI0512680 A 20080401; CA 2577177 A1 20060302; CN 101010309 A 20070801; CY 1110124 T1 20150114; DE 602005019743 D1 20100415; DK 1773796 T3 20100621; EP 1773796 A2 20070418; EP 1773796 B1 20100303; ES 2341722 T3 20100625; IL 180770 A0 20070603; IL 180770 A 20111031; JP 2008508240 A 20080321; JP 4871866 B2 20120208; KR 20070047802 A 20070507; MX 2007001139 A 20070419; PE 20060563 A1 20060712; PL 1773796 T3 20100831; PT 1773796 E 20100601; RU 2007107374 A 20080910; RU 2376298 C2 20091220; SI 1773796 T1 20100730; TW 200609217 A 20060316; US 2007149562 A1 20070628; UY 29036 A1 20060224; WO 2006021655 A2 20060302; WO 2006021655 A3 20060420; WO 2006021655 A8 20070524

DOCDB simple family (application)
FR 0408369 A 20040729; AR P050103084 A 20050726; AT 05790990 T 20050720; AU 2005276353 A 20050720; BR PI0512680 A 20050720; CA 2577177 A 20050720; CN 200580029220 A 20050720; CY 101100481 T 20100601; DE 602005019743 T 20050720; DK 05790990 T 20050720; EP 05790990 A 20050720; ES 05790990 T 20050720; FR 2005001854 W 20050720; IL 18077007 A 20070117; JP 2007523108 A 20050720; KR 20077004655 A 20070227; MX 2007001139 A 20050720; PE 2005000879 A 20050727; PL 05790990 T 20050720; PT 05790990 T 20050720; RU 2007107374 A 20050720; SI 200531010 T 20050720; TW 94125682 A 20050728; US 62697007 A 20070125; UY 29036 A 20050727